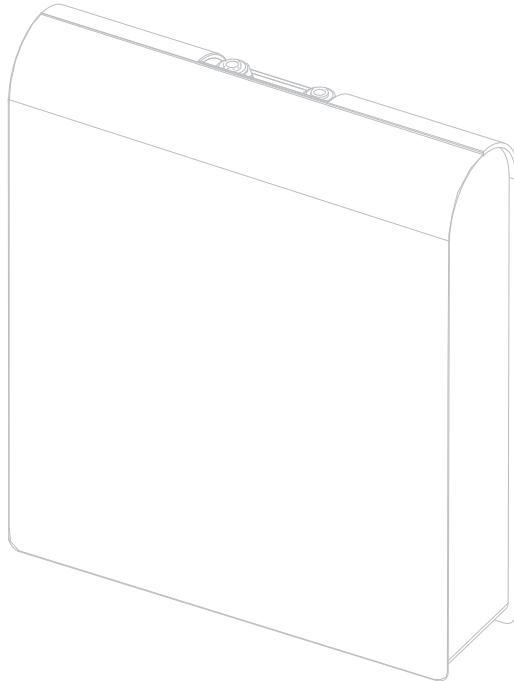




The Clear Choice
Water Filtration Systems



Installation Manual

1. Safety Precautions

WARNING! The system should not be used with biologically contaminated water or water of unknown origin.

Product may be installed only by trained service professionals. Only original replacement parts, filter cartridges and accessories made by manufacturer may be used.

Compliance with the following instructions ensures:

- problem-free product operation,
- manufacturer's warranty.

Failure to comply with the following instructions will result in loss of warranty.

- 1) The system is designed for the filtration of potable water only.
- 2) Remember to remove safety clip before removing flexible tubing and elbow.

Only original **Aquafilter®** replacement cartridges may be used. Using cartridges made by other manufacturers results in a loss of warranty and relieves the manufacturer of responsibility for the incorrect operation of system.

2. Product Description


Aquafilter® EXCITO is a modern filtration system designed for the purification of potable and general-use water. Equipped with four in-line cartridges, the system effectively removes: rust, sand and sediments (cartridges: **AIPRO-20MS** and **AIPRO-1MS**); organic contaminants and chlorine (cartridge **AICRO-L3**); heavy metals such as lead, arsenic, cadmium as well as iron contents (**AICRO-L4**).

3. Technical Specifications

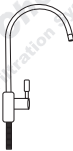
Inlet water temperature.....	between 2°C and 23°C
Water supply pressure.....	6 bar
Water supply adapter.....	1/2"
Outlet tubing.....	1/4"
Dimensions (height x width x depth).....	390 mm x 355 mm x 100 mm

IMPORTANT NOTE! The system must be secured from high pressures and rapid pressure changes caused by local water supply systems. Pressure regulator must be installed on the inlet of the system's water supply. The system's optimal performance pressure is 3.5 bar - pressure regulator must also be set to this parameter. Failure to install pressure regulator will result in loss of warranty. Regulator may be purchased separately - catalog nr. **ADV-REG_K, ADV-REG-CR_K**.


4. Included in the Box




Water filtration System
EXCITO



Chrome
plated
Faucet
FXFCH17-C




Chrome-plated adapter
FT06*
(1/2" MIP x 1/2" FIP x 1/4" FIP)




Chrome-plated adapter
FT07
(3/4" MIP x 3/4" FIP x 1/4" FIP)

Chrome-plated adapter
FT02
(3/4" MIP x 3/4" FIP)


brak w zestawie - dodatkowe wyposażenie.




Teflon tape
TAS0004*



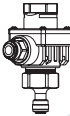
Shut-off valve
SEWBV1414*



Flexible tubing
KTPE14W*



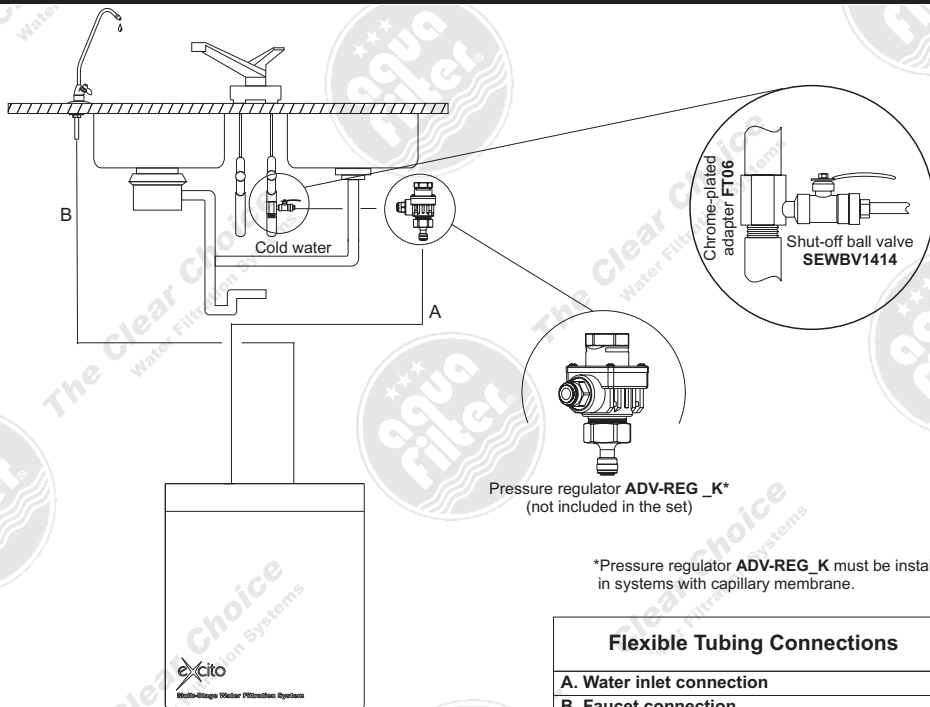
Installation manual
XI-EXCITO



Pressure regulator
ADV-REG_K
ADV-REG-CR_K
(not included in the set)

* Components are placed inside of filter housing.

5. Connection Scheme for Aquafilter® Excito



6. Connecting Flexible Tubing with Quick Connectors: Type JG (John Guest) and QC (Quick Connector)

Disconnecting Flexible Tubing:

- 1) Remove safety clips from quick connector (Fig. 1).
- 2) Press on the flange of quick connector (Fig. 2).
- 3) Pull out flexible tubing (Fig. 3).

Connecting Flexible Tubing:

- 1) Insert flexible tubing 1.5 cm (0.6 in) deep into the quick connector (Fig. 4).
- 2) Insert safety clip (Fig. 5).

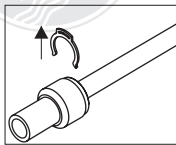


Fig. 1

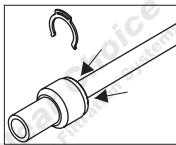


Fig. 2

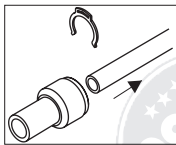


Fig. 3

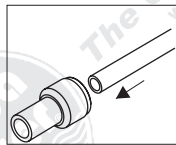


Fig. 4

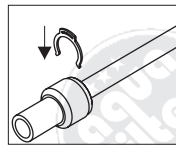


Fig. 5

6.1. Removing and Installing the Elbow in Quick Connector

Removing elbow from cartridge:

- 1) Remove safety clip from quick connector (Fig. 1).
- 2) Press on the flange of quick connector and remove the elbow (Fig. 2).

Installing the elbow into cartridge:

- 1) Insert the elbow into quick connector to the point of resistance (Fig. 3).
- 2) Insert safety clip (Fig. 4).



Fig. 1

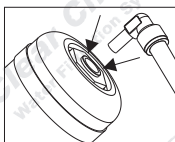


Fig. 2

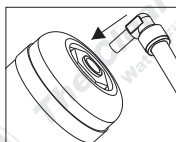


Fig. 3

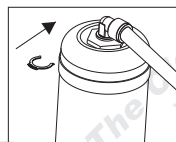


Fig. 4

6.2. Instructions for connecting and disconnecting filter cartridge and elbow connector (new filter cartridge with elbow connector)

Disconnecting elbow connector from filter cartridge:

- 1) Remove safety clips from quick connector (fig.1).
- 2) Push quick connector's flange symmetrically and pull the tubing out (fig. 2).
- 3) Unscrew inlet and outlet connectors from old filter cartridge (fig.3)
- 4) Remove old Teflon tape (fig.4).
- 5) Apply multiply layers of new Teflon tape (ensure that Teflon tape is wound in the opposite direction to the direction connector will be installed) (fig. 5).

Connecting elbow connector with filter cartridge:

- 1) Screw the elbow connector back to new filter cartridge.

NOTE! Do NOT remove elbow connector after the installation has been started. Stopping and removing (unscrewing) the element may result in inadequate connection and water leak. (fig.6).

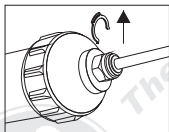


Fig. 1

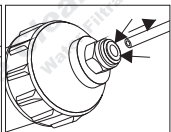


Fig. 2

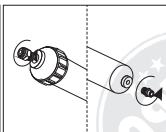


Fig. 3

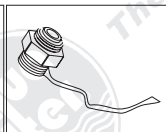


Fig. 4

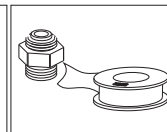


Fig. 5

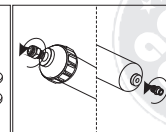
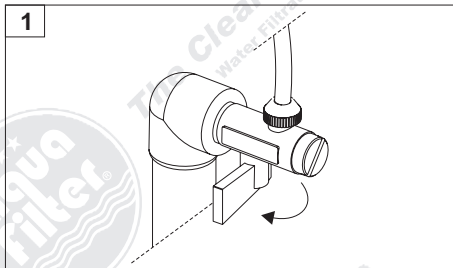


Fig. 6

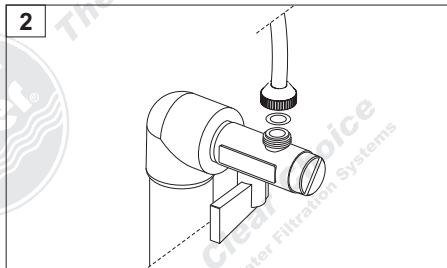
7. System Installation - Stage I

IMPORTANT NOTE! Manufacturer is not responsible for any damages that result from improper installation or use of system. System installation should be performed only in temperatures above 2°C (35.6°F).

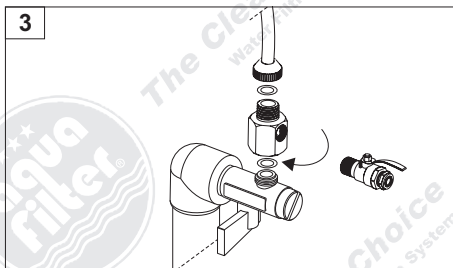
IMPORTANT NOTE: Before installing the system, remove from the filter housing all components necessary for installation.



Shut off cold water supply valve.

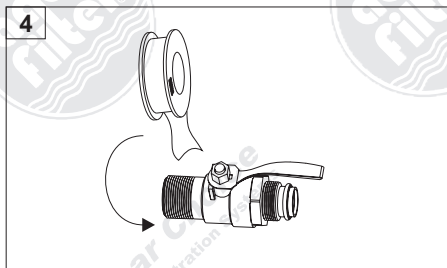


Unscrew flexible tubing from the shut-off valve (the adapter).
IMPORTANT NOTE! Between the shut-off valve and flexible tubing is a rubber gasket - be sure not to lose it.

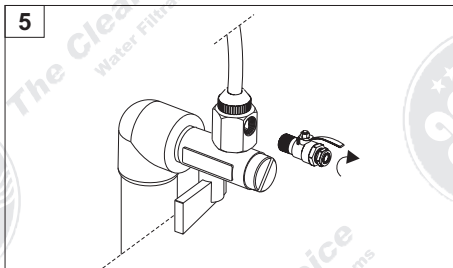


Screw chrome-plated adapter onto the shut-off valve to allow easy installation of **SEWBV1414** valve and its easy opening and closing.

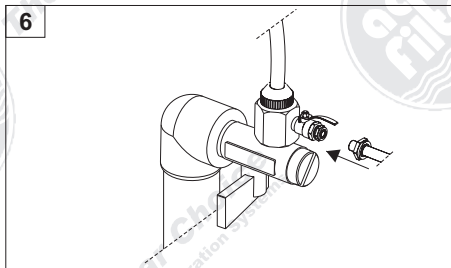
IMPORTANT NOTE! Remember to place rubber gaskets in between the connections.



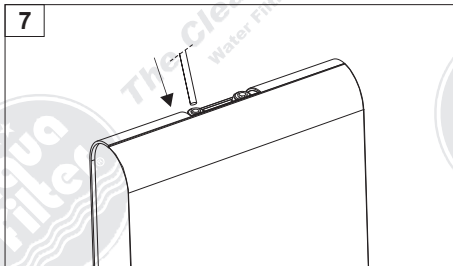
Wind a few layers of Teflon Tape (**TAS0003**) on shut-off valve adapter (**SEWBV1414**).



Screw **SEWBV1414** valve into chrome-plated adapter **FT06**.



Place the nut on flexible tubing and connect it with **SEWBV1414** valve. Next, push the tubing all the way into the valve and tighten the nut.

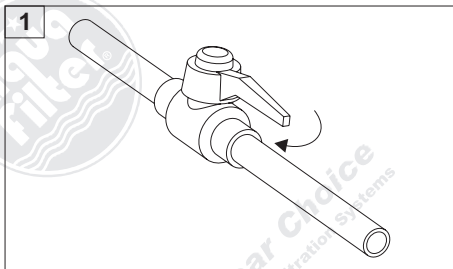


Connect flexible tubing of **SEWBV1414** valve with system's water inlet [IN] (red ring).

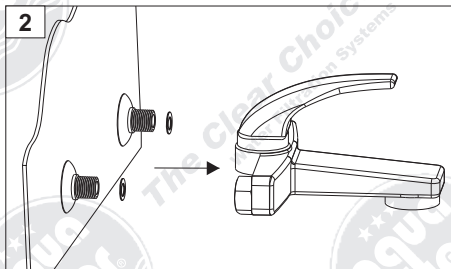
7.1 System Installation - Wall Faucet Connection

IMPORTANT NOTE! Manufacturer is not responsible for any damages that result from improper installation or use of system. System installation should be performed only in temperatures above 2°C (35.6°F).

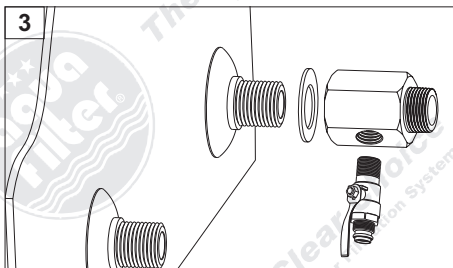
IMPORTANT NOTE: Before installing the system, remove from the filter housing all components necessary for installation.



Shut off water supply valve.

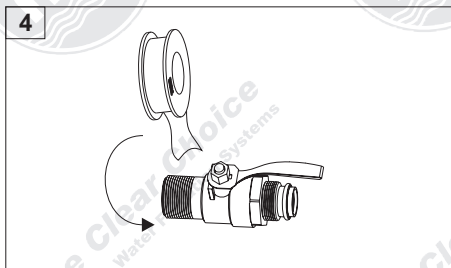


Unscrew the faucet from the wall.

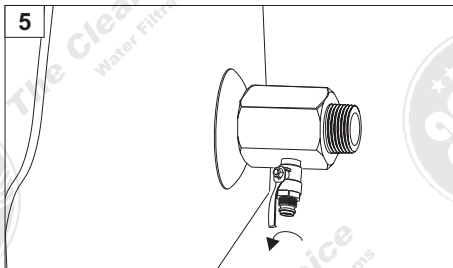


Screw chrome-plated adapter **FT07** onto the cold water pipe to allow easy installation of **SEWBV1414** valve and its easy opening and closing.

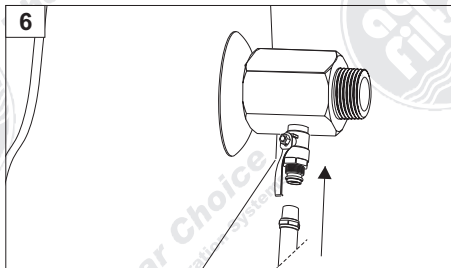
IMPORTANT NOTE! Remember to place rubber gaskets in between the connections.



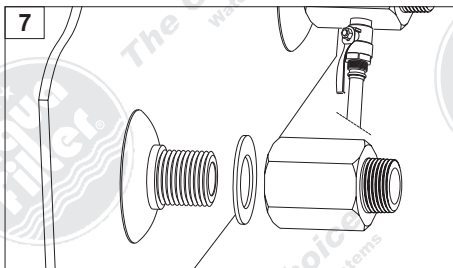
Wind a few layers of Teflon Tape **TAS0003** on shut-off valve adapter **SEWBV1414**.



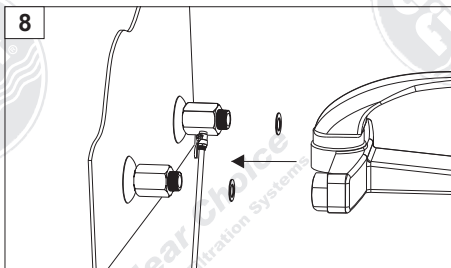
Screw **SEWBV1414** valve into chrome-plated adapter **FT07**.



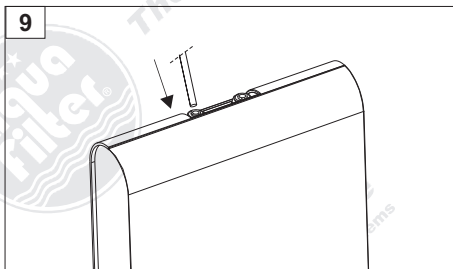
Place the nut on flexible tubing and connect it with **SEWBV1414** valve. Next, push the tubing all the way into the valve and tighten the nut.



Screw chrome-plated adapter **FT02** onto the hot water pipe. **IMPORTANT NOTE! Remember to place rubber gaskets in between the connections.**



Screw the wall faucet to the installed adapters.



Connect flexible tubing of **SEWBV1414** valve with system's water inlet [IN] (red ring).

8. System Installation - Stage II - FXFCH5, FXFCH17-C Faucet Installation

- 1) Drill a 12 mm opening in a kitchen counter or kitchen sink (in case of enamel sinks, the manufacturer recommends drilling openings in the structure supporting sink).
- 2) On threaded faucet extension [1], first put on cover plate [2], and then rubber gasket [3].
- 3) Secure the faucet in the drilled sink/counter opening.
- 4) Underneath the sink, put the rubber [5] and metal [6] washers on the faucet extension [4], and tighten with metal nut [7].
- 5) Install flexible tubing (supplying water and connecting faucet with the system):
 - put the tubing [11] through the metal nut [10] and plastic tightening ring [9],
 - put the insert [8] into the tubing,
 - push flexible tubing (all the way) into the faucet extension [4] and tighten it (by hand!) with the metal nut [10].
- 6) Connect other end of flexible tubing with connector [OUT] (white ring) (Fig. 2).

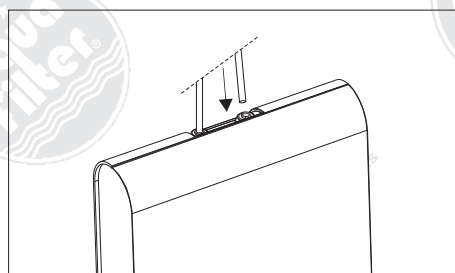


Fig. 2 Connecting flexible tubing with [OUT] connector

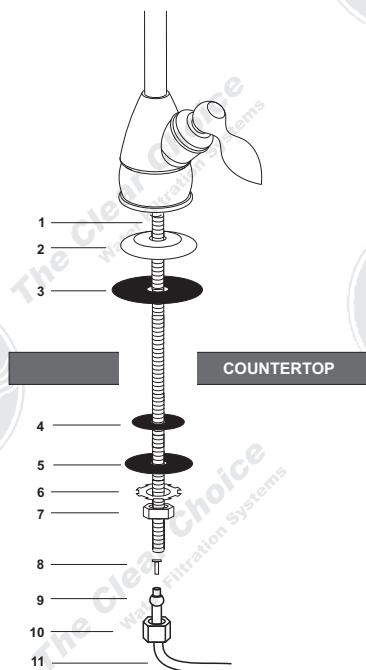
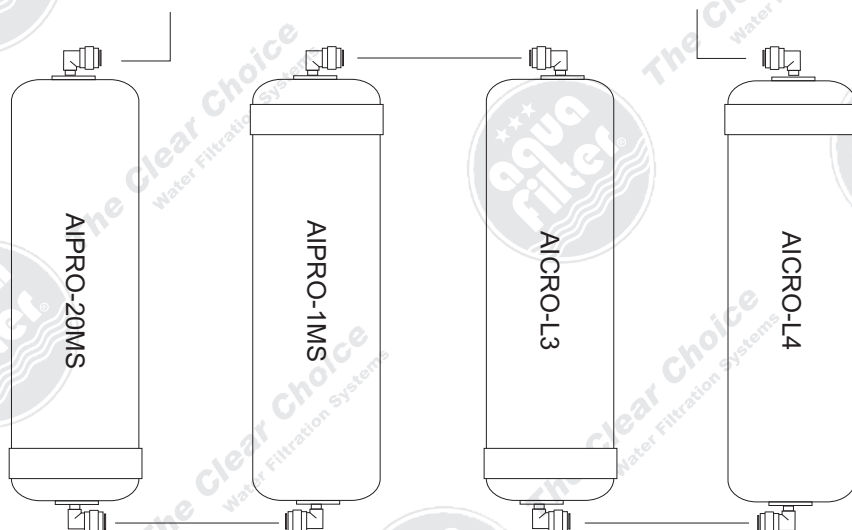


Fig. 1 Installing filter faucet on kitchen counter

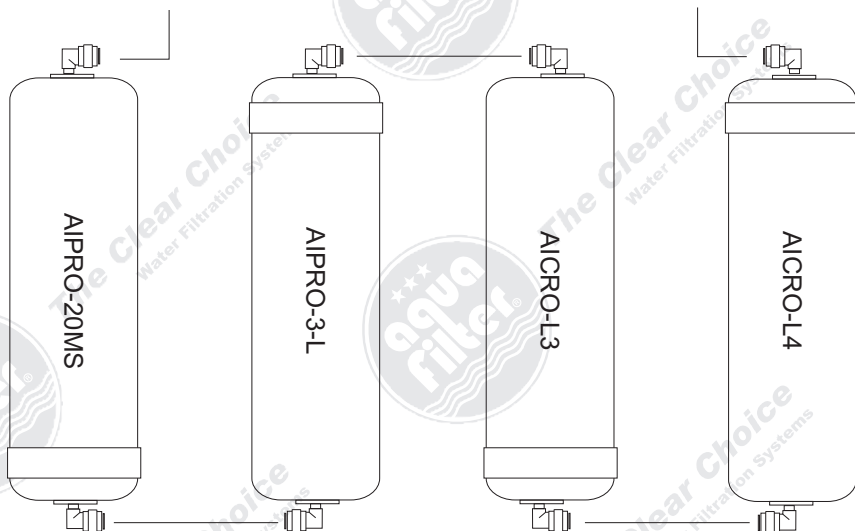
9. Cartridge Connection Scheme in Aquafilter® EXCITO System

WATER SUPPLY INLET



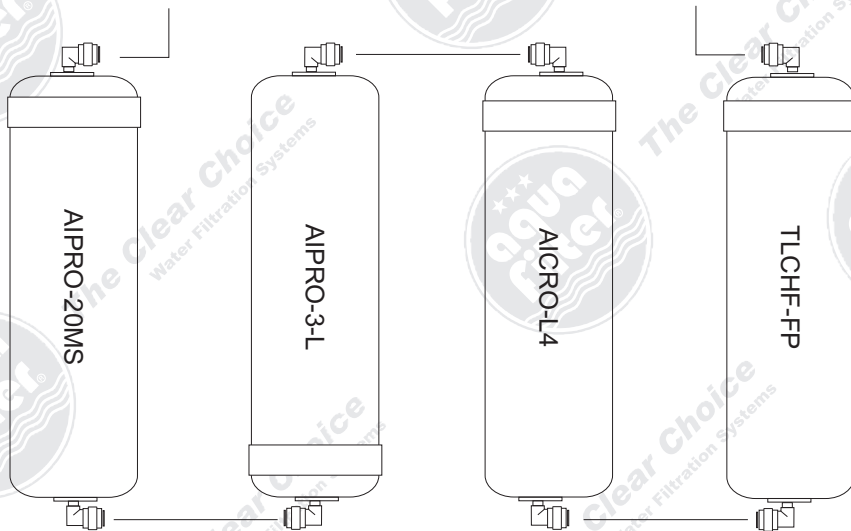
9.1 Cartridge Connection Scheme (set EXCITO-CLR-CRT)

WATER SUPPLY INLET



9.2 Cartridge Connection Scheme (set EXCITO-HF-CRT)

WATER SUPPLY INLET









10. Cartridge Sets

Aquafilter® offers three sets of cartridges for Aquafilter® EXCITO systems:

NAME OF SET	EXCITO-CRT	EXCITO-CLR-CRT	EXCITO-HF-CRT
CARTRIDGE 1	AIPRO-20MS	AIPRO-20MS	AIPRO-20MS
CARTRIDGE 2	AIPRO-1MS	AIPRO3-L	AIPRO-3-L
CARTRIDGE 3	AICRO-L3	AICRO-L3	AICRO-L4
CARTRIDGE 4	AICRO-L4	AICRO-L4	TLCHF-FP*

* capillary membrane is sold separately.

11. Replacement Cartridges

Cartridge Type	Description / Filtration Stages	Longevity**	
		Liters	Months
 AIPRO-20MS	AIPRO-20MS Polypropylene cartridge removes sediments such as rust, sand and suspended solids.	4000l	3 - 6
 AIPRO-1MS	AIPRO-1MS Polypropylene cartridge removes sediments such as rust, sand and suspended solids.	4000l	3 - 6
 AIPRO-3-L	AIPRO-3-L Three layer cartridge: - Polypropylene foam - removes sand, rust and other suspended matters, - Conditioning media - removes iron and iron derivative compounds. - Ion exchange filtration media - acts as water softener, exchanges ions of calcium and magnesium into ions of sodium preventing scale build-up,	4000l	3 - 6
 AICRO-L3	AICRO-L3 Granulated activated carbon cartridge made of the high grade activated coconut carbon. It is designed to remove up to 99% of chlorine, sediments and organic contaminants. It also improves the taste and aroma of water.	4000l	3 - 6
 AICRO-L4	AICRO-L4 Granulated activated carbon cartridge made of the high grade activated coconut carbon. It is designed to remove up to 99% of chlorine, sediments and organic contaminants. In addition, a special filtration media removes heavy metals such as lead, nickel, chromium and many others. It also improves the taste and aroma of water.	4000l	3 - 6
 TLCHF-FP	TLCHF-FP Capillary membrane removes microscopic bacteria in size of 0.02 micron and larger.	5000l	6 - 12

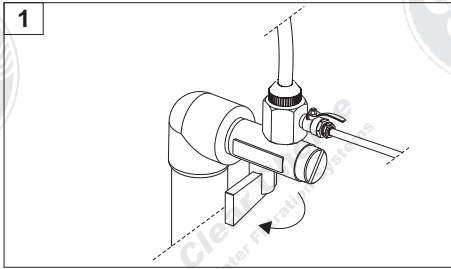
**depends on water quality and level of contamination.

Before the first use and after each cartridge replacement procedure, the system should be flushed with 15 liters of water. Next, allow the system to standby for 5-6 hours to activate the filtration media. After these procedures, the water is ready for consumption.

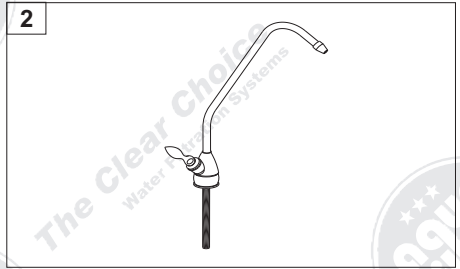
IMPORTANT NOTE! Used cartridges may not be returned.

12. Filter cartridge replacement – General information

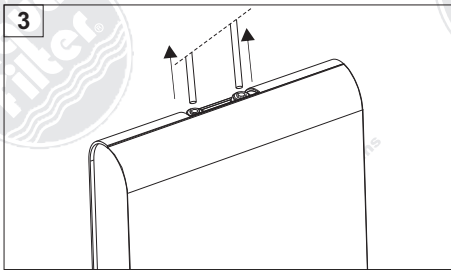
IMPORTANT NOTE! Before removing flexible tubing and elbow, remove safety clip and symmetrically push in the flange of quick connector. After installing flexible tubing and installing the elbow, remember to insert safety clip of the quick connector.



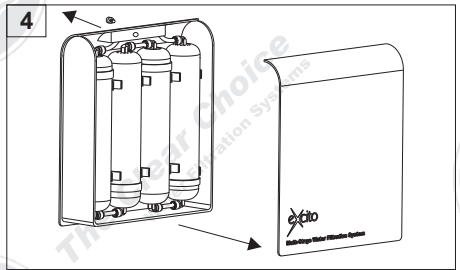
Shut off water supply valve.



Open filter faucet to release pressure from the system.

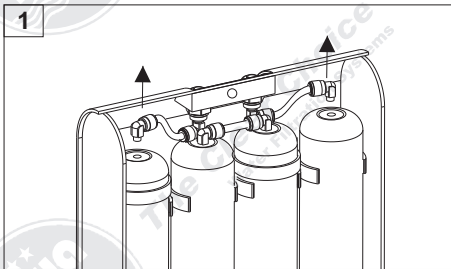


Before replacing the membrane, disconnect all flexible tubing from the system (inlet / outlet).

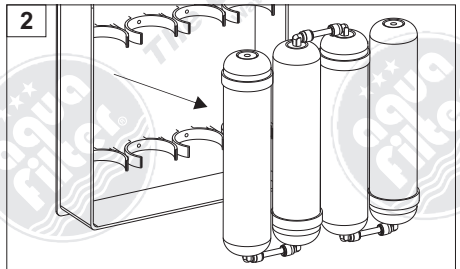


Unscrew the holding screw and remove front panel of the system's housing.

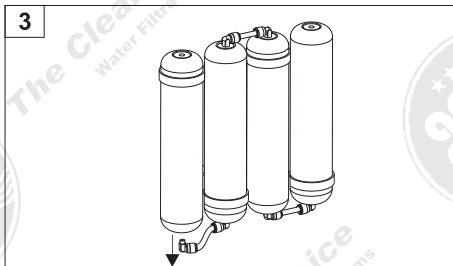
12.1. Filter cartridge replacement – System equipped with quick connect type cartridges



Remove the elbows: one from the water inlet of the first cartridge; one from the water outlet of the last cartridge.
IMPORTANT NOTE! While removing the elbows, be careful not to bend flexible tubing.

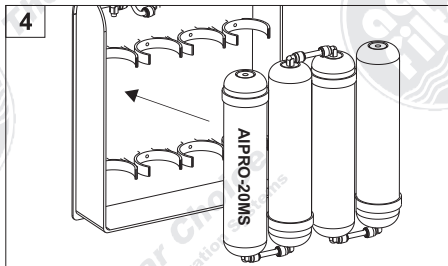


Unpin all cartridges together from the mounting clips.



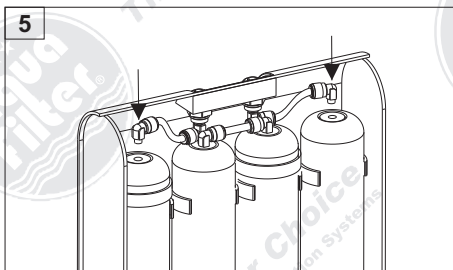
Remove elbow from used **AIPRO-20MS** cartridge and connect it with replacement cartridge **AIPRO-20MS**. Repeat this action to replace remaining cartridges.

IMPORTANT NOTE! During cartridge installation, remember to follow proper direction of water flow indicated by an arrow on cartridge label.



Insert all replaced cartridges into mounting clips of the system's housing. Make sure that **AIPRO-20MS** is first from the left.

IMPORTANT NOTE! During cartridge installation, remember to follow proper direction of water flow indicated by an arrow on cartridge label.

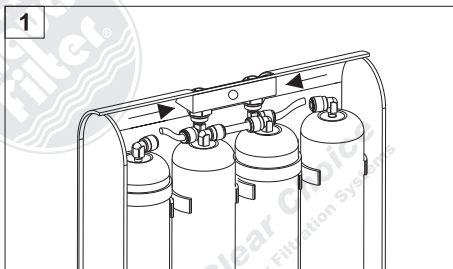


Connect the elbows: one with the water inlet of the first cartridge; one with the water outlet of the last cartridge.

IMPORTANT NOTE! Before the first use and after each cartridge replacement procedure, the system should be flushed with 15 liters of water. Next, allow the system to standby for 5 - 6 hours to activate the filtration media. After these procedures, the water is ready for consumption.

To replacement hollow fiber membrane follow the above described procedure.

12.2. Filter cartridge replacement – System equipped with cartridges with regular connectors



Disconnect tubing from elbow inlet connector attached to cartridge **AIPRO-20MS**.

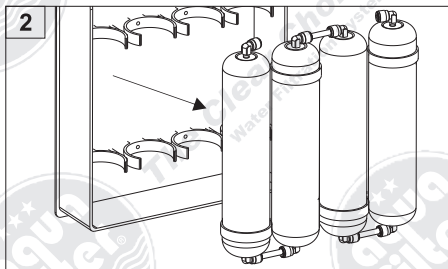
Disconnect tubing from elbow outlet connector attached to cartridge **AICRO-L4**.

Proceed as follows:

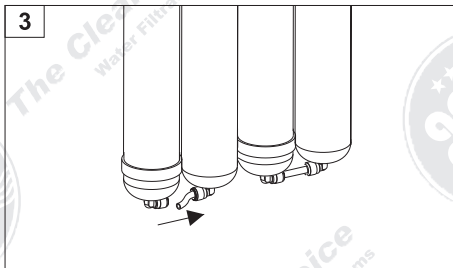
- 1) remove safety clips
- 2) Symmetrically press quick connector's collar
- 3) Pull out the tubing

NOTE! Described procedure can be found on page 4, point 6.2.

NOTE! When pulling out the tubing, use caution to prevent the tubing from damage. Collapsing of the tubing may result in damage and future water leaks.



Remove all filter cartridges out of mounting clips and the system housing.



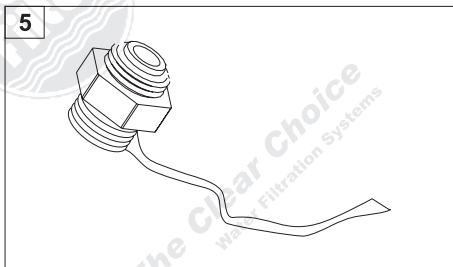
Disconnect tubing from elbow outlet connected to cartridge **AICRO-20MS**.

Proceed as follows:

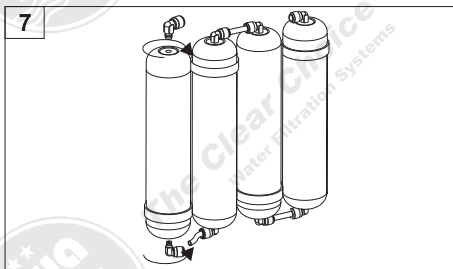
- 1) Remove safety clips
- 2) Symmetrically press quick connector's collar
- 3) Pull out the tubing

NOTE! Described procedure can be found on page 4, point 6.2.

NOTE! When pulling out the tubing, use caution to prevent the tubing from damage. Collapsing of the tubing may result in damage and future water leaks.

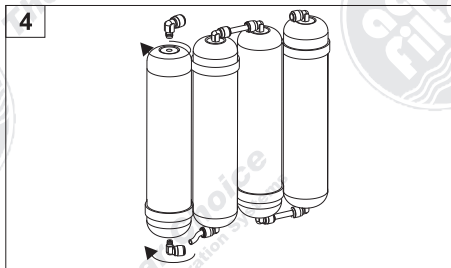


Remove old Teflon tape out of the connectors thread surface.

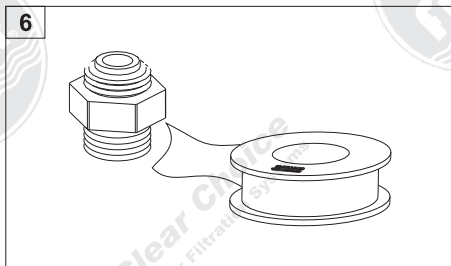


Install (screw in) connectors into new filter cartridge.

NOTE! During installing (screwing in) individual connectors do NOT withdraw (unscrew) them at any time. This may result in connection damage and future water leaks.



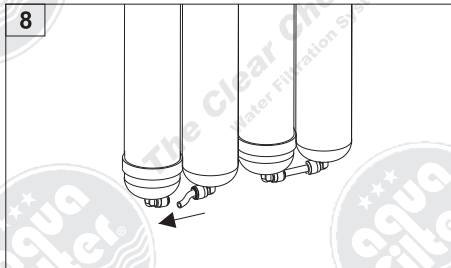
Unscrew inlet and outlet connectors from **AIPRO-20MS** filter housing.



Apply several layers of Teflon tape to the connectors threads.

NOTE! Use only Teflon tape, do not use tow.

NOTE! Apply Teflon tape in the opposite direction to the direction connectors will be installed.



Connect tubing with elbow outlet connector attached to **AIPRO-20MS** filter cartridge.

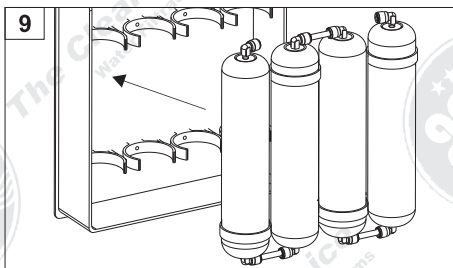
Proceed as follows:

- 1) Ensure that new filter cartridge is placed in accordance with the direction of system's water flow.
- 2) Insert tubing into outlet elbow connector attached to cartridge **AIPRO-20MS** (correctly inserted tubing is mounted 1.5 cm deep inside elbow connector).
- 3) Secure the connection with safety clip.

NOTE! Described procedure can be found on page 4, point 6.2.

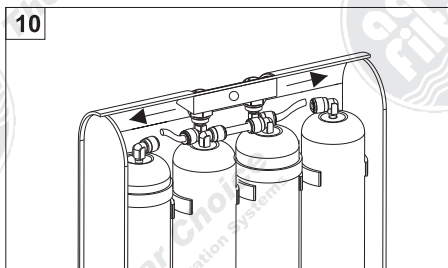
NOTE! When pulling out the tubing, use caution to prevent the tubing from damage. Collapsing of the tubing may result in damage and future water leaks.

In order to complete installation of the remaining replacement cartridges, repeat the procedures described in points 1-9.



Place filter cartridge into mounting clips. Install **AIPRO-20MS** in such way that the cartridge is placed on left side of the filtration system.

NOTE! During the installation, remember about maintaining correct water flow direction - water flow direction is indicated on a label placed on each replacement cartridge.



Connect tubing with elbow outlet connector attached to cartridge **AIPRO-20MS**. Connect tubing with elbow outlet connector attached to **AIPRO-L4** filter cartridge.

Proceed as follows:

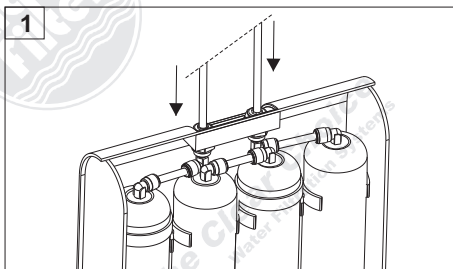
- 1) Ensure that filter cartridge is placed in accordance with the direction of system's water flow. Correct direction of water flow is indicated on a label placed on each replacement cartridge.
- 2) Insert tubing into outlet elbow connector attached to cartridge **AIPRO-20MS** (correctly inserted tubing is mounted 1.5 cm deep inside elbow connector)
- 3) Secure the connection with safety clip.

NOTE! When pulling out the tubing, use caution to prevent the tubing from damage. Collapsing of the tubing may result in damage and future water leaks.

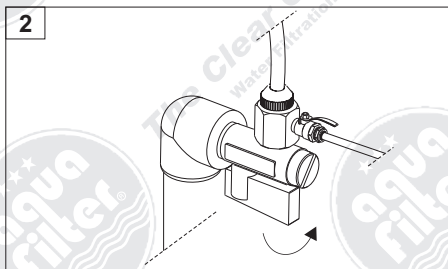
IMPORTANT NOTE! Before the first use and after each cartridge replacement procedure, the system should be flushed with 15 liters of water. Next, allow the system to standby for 5 - 6 hours to activate the filtration media. After these procedures, the water is ready for consumption.

To replacement hollow fiber membrane follow the above described procedure.

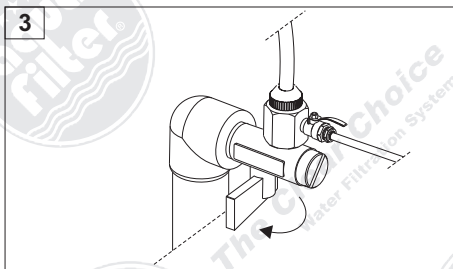
12.3. Filter cartridge replacement – General information



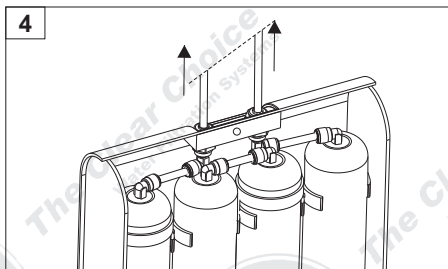
Examine all connections carefully. Before replacing the front panel, connect flexible tubing to the system (inlet / outlet).



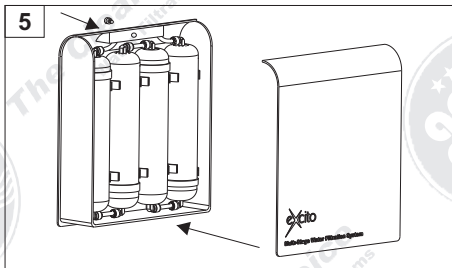
With filter faucet in a closed position, slowly open water supply valve and check for leaks.



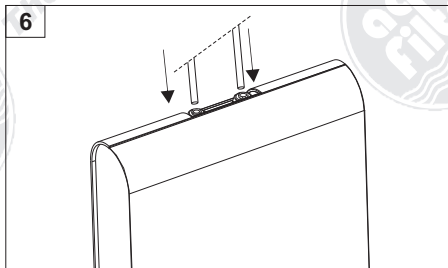
Shut off water supply valve.



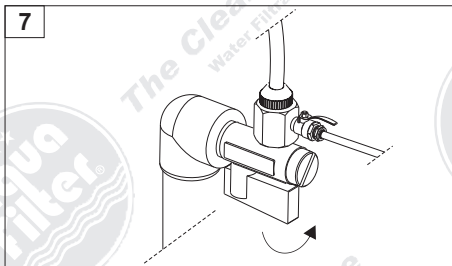
Disconnect flexible tubing from the system.



Replace the front panel and screw it with the housing.



Connect flexible tubing to the system (inlet / outlet).



With filter faucet in an open position, slowly open water supply valve.

IMPORTANT NOTE! Before the first use and after each cartridge replacement procedure, the system should be flushed with 15 liters of water. Next, allow the system to standby for 5 - 6 hours to activate the filtration media. After these procedures, the water is ready for consumption.